

Water-Data Report 2008

410928074522801 Local number 370207 Walpack Twp 4 Obs NJ Permit Number 21-07721-5

Sand and gravel aquifers (glaciated regions)

Stratified Drift

Sussex County, NJ

LOCATION.--Lat 41°09'28", long 74°52'28" referenced to North American Datum of 1927, Walpack Township, Sussex County, NJ, Hydrologic Unit 02040104, off Main St., about 800 ft east of Flat Brook, Walpack Center.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 55 ft. Upper casing diameter 6 in; top of first opening 46 ft, bottom of last opening 55 ft. Drilled observation well.

DATUM.--Land-surface datum is 425.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.4 ft above land-surface datum, Mar. 30, 1992, to present.

PERIOD OF RECORD.--Apr. 1991 to current year.

GAGE.--Submersible logger pressure transducer-60 minute recording interval. Water-level recorder, July 1992 to Feb. 2008. Periodic measurements, Apr. 1991 to July 1992.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 21.95 ft below land surface, Apr. 16, 2007; lowest, 29.72 ft below land surface, Dec. 9, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 22.00 ft below land surface datum, Mar. 9; lowest water level, 28.38 ft below land surface datum, Sept. 5, 6.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	27.82	26.43	25.51	24.30	24.76	23.50	---	---	---	25.84	---	27.88
2	27.87	26.48	25.52	24.22	24.66	23.57	---	---	---	25.88	---	27.91
3	27.91	26.49	25.49	24.28	24.61	23.61	---	---	24.85	25.91	---	27.94
4	27.96	26.53	25.46	24.32	24.62	23.58	---	---	24.86	26.01	---	28.04
5	28.00	26.56	25.48	24.33	24.61	22.90	---	---	24.87	26.04	---	28.33
6	28.04	26.57	25.53	24.35	24.48	22.38	---	---	24.90	26.04	---	28.36
7	28.08	26.58	25.55	24.34	24.26	22.49	---	---	24.96	26.11	---	28.08
8	28.11	26.59	25.57	24.28	24.14	22.37	---	---	25.14	26.19	---	27.95
9	28.15	26.59	25.59	24.24	24.15	22.05	---	---	25.26	26.21	---	27.90
10	28.07	26.57	25.54	24.24	24.20	22.15	---	---	25.32	26.21	---	27.67
11	28.00	26.54	25.48	24.22	24.30	22.30	---	---	25.35	26.13	---	27.60
12	27.79	26.52	25.45	24.22	24.35	---	---	---	25.40	26.07	---	27.59
13	27.56	26.52	25.41	24.25	24.19	---	---	---	25.45	26.03	---	27.54
14	27.53	26.50	25.40	24.25	23.57	---	---	---	25.49	25.95	---	27.51
15	27.54	26.40	25.43	24.25	23.44	---	---	---	25.52	25.78	---	27.51
16	27.58	26.08	25.38	24.31	23.54	---	---	---	25.56	25.65	---	27.54
17	27.62	26.00	25.44	24.34	23.61	---	---	---	25.59	25.55	---	27.57
18	27.67	26.02	25.47	24.34	23.39	---	---	---	25.62	25.44	---	27.61
19	27.71	26.04	25.48	24.35	22.94	---	---	---	25.66	25.40	---	27.64
20	27.56	26.00	25.49	24.39	23.03	---	---	---	25.69	---	---	27.67
21	27.42	25.93	25.51	24.48	23.16	---	---	---	25.70	---	---	27.68
22	27.38	25.88	25.52	24.48	23.23	---	---	---	25.73	---	---	27.70
23	27.37	25.92	25.47	24.50	23.30	---	---	---	25.75	---	---	27.73
24	27.36	25.96	24.87	24.53	23.38	---	---	---	25.78	---	26.28	27.77
25	27.34	25.97	24.53	24.59	23.43	---	---	---	25.82	---	26.81	27.80
26	27.29	25.89	24.54	24.65	23.45	---	---	---	25.86	---	27.43	27.77
27	27.12	25.62	24.60	24.67	23.35	---	---	---	25.89	---	27.67	27.61
28	26.53	25.48	24.66	24.70	23.40	---	---	---	25.90	---	27.73	27.51
29	26.32	25.45	24.59	24.71	23.48	---	---	---	25.84	---	27.79	27.31
30	26.32	25.47	24.45	24.74	---	---	---	---	25.81	---	27.83	27.19
31	26.38	---	24.39	24.80	---	---	---	---	---	---	27.85	---
Mean	27.53	26.19	25.25	24.41	23.83	---	---	---	---	---	---	27.73
Max	28.15	26.59	25.59	24.80	24.76	---	---	---	---	---	---	28.36
Min	26.32	25.45	24.39	24.22	22.94	---	---	---	---	---	---	27.19

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